

# MARINE TECHNOLOGY

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## MTTR 100

**SeaView Systems, Inc.***Dexter, Michigan, USA**<http://www.seaviewsystems.com>*

SeaView Systems, Inc., founded in 1998, is a provider of oceanographic and underwater technologies and services. It designs and builds custom ROVs targeting specialized applications where standard production ROVs cannot address the specific requirements of a particular mission. It provides services such as ROV tunnel or structural inspections using precisely located HD video or 3D sonar mapping or other techniques. Its engineering capabilities include expertise in electronic, software and mechanical design. Incorporated into these capabilities are electro/ mechanical assembly and integration, machining and fabrication. And it designs and sells a range of specialty electronics for various oceanographic, ROV, and survey applications tailored to the underwater technology industry.

SeaView's expertise includes ROV operations and high-end underwater surveys including the use of inertial navigation systems (INS) for geo-referencing, 3D sonar, and laser modeling. Its in-house developed custom vehicles include Titan, a battery powered, umbilical-free ROV capable of tunnel inspections greater than 10km and SurfROVer, a battery powered crawler for specialized applications such as route surveys and unexploded ordinance (UXO) surveys and for deployment of a cable/pipeline tracker as well as applications in otherwise impassible surf such as active surf bathymetry surveys. Its custom electronics are used to advance the state-of-the-art capabilities for ROV communications, metrology and oceanographic industrial and research applications around the world.